WEST Search History

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DATE: Wednesday, May 12, 2004

Hide?	Set Name	Query	Hit Count
		DB=USPT; PLUR=YES; OP=ADJ	
☐	L18	(3852192| 3961908| 4406742| 4895176| 5018551| 5267455| 5586456| 5858022| 5922247| 6200943)![pn]	10
☐	L17	6734112	1
		DB=PGPB; PLUR=YES; OP=ADJ	
☐	L16	L15 and photoresist	1
☐	L15	20020045347	1
		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ	
☐	L14	L11 and 134/$.ccls.	0
☐	L13	L11 and clean$.ti.	0
☐	L12	L11 and photoresist	0
☐	L11	L10 with gas	58
☐	L10	solvent near expan$	442
☐	L9	solvent with expan$	4679
☐	L8	gas-expanded ethanol	0
☐	L7	gas-expanded methanol	0
☐	L6	gas-expanded solvent	0
☐	L5	L3 and clean$	14
☐	L4	L3 and photoresist	0
☐	L3	gas-expanded	137
☐	L2	gas-expanded liquid	5
☐	L1	gas-expended liquid	0

END OF SEARCH HISTORY

h   e b.   b cg b   chh   e   c   f   c   e   ff

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          FILE 'CA' ENTERED AT 14:12:47 ON 12 MAY 2004
L1                1 S GAS EXPANDED LIQUID
L2                1 S SOLVENT EXPANSION AND SOLUTE SOLUBILITY
```

AN   113:62140   CA
ED   Entered STN: 17 Aug 1990
TI   **Solvent expansion** and **solute
      solubility** predictions in gas-expanded liquids
AU   Chang, Chiehming J.; Randolph, Alan D.
CS   Dep. Chem. Eng., Univ. Arizona, Tucson, AZ, 85721, USA
SO   AIChE Journal (1990), 36(6), 939-42
      CODEN: AICEAC; ISSN: 0001-1541
DT   Journal
LA   English
CC   48-11 (Unit Operations and Processes)
AB   The expansion of binary systems (e.g., PhMe-CO2 and BuOH-CO2) in the
      miscible liquid-phase region and solubility of the solute (e.g., β-carotene
      in PhMe and acetaminophen in BuOH) in the liquid phase are studied.
      Solvent expansion at 298 K, solid solubility in the gas
      antisolvent addition for liquid-phase precipitation of solids, partial molar
volume
      changes in the gas antisolvent addition process, and crystallization kinetics
in the
      gas antisolvent addition recrystn. are presented graphically and discussed.
ST   **solvent expansion** gas expanded liq; solute soly gas
      expanded liq
IT   Solvents
      (expansion of, determination of, in gas-expanded liqs.)
IT   Expansion, Dilation, and Elongation
      (of binary solvents, in gas-expanded liqs.)
IT   Solubility
      (of solute, determination of, in gas-expanded liquid)
IT   Solutes
      (solubility of, determination of, in gas-expanded liqs.)
IT   71-36-3, Butanol, properties   108-88-3, Toluene, properties   124-38-9,
      Carbon dioxide, properties
      RL: PRP (Properties)
      (expansion of, determination of, in gas-expanded liqs.)
IT   103-90-2
      RL: PRP (Properties)
      (solubility of, determination of, in butanol)
IT   7235-40-7, β-Carotene
      RL: PRP (Properties)
      (solubility of, determination of, in toluene)

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☐	L14	L11 and 134/$.ccls.	0
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☐	L8	gas-expanded ethanol	0
☐	L7	gas-expanded methanol	0
☐	L6	gas-expanded solvent	0
☐	L5	L3 and clean$	14
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☐	L3	gas-expanded	137
☐	L2	gas-expanded liquid	5
☐	L1	gas-expended liquid	0

END OF SEARCH HISTORY